

DEC 16 2003

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Attorney Docket Number	6454-61581
Application Number	10/043,727
Filing Date	January 9, 2002
First Named Inventor	Keefer
Art Unit	3745
Examiner Name	To be assigned

## **U.S. PATENT DOCUMENTS**

EXAMINER  
SIGNATURE:

*AnsChen*

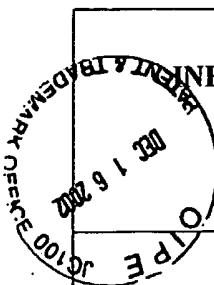
DATE  
CONSIDERED: 11-22-04

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Docket: 6454-61581	App: 10/043,727
	Applicant: Keefer et al.	
	Filed: January 9, 2002	Art Unit:

**U.S. PATENT DOCUMENTS**

Init.*	Number	Date	Name	Class	Sub	Filed
CC	3,336,162	08/15/1967	Zachmann			
	3,748,180	07/24/1973	Clausi et al.			
	3,847,672	11/1974	Trocciola et a.			
	3,975,913	08/24/1976	Erickson			
	4,555,453	11/1985	Appleby			
	4,595,642	06/1986	Nakanishi et al.			
	4,759,997	07/1988	Ohyauchi et al.			
	4,781,735	11/1988	Tagawa			
	4,801,308	01/1989	Keefer			
	4,816,121	03/1989	Keefer			
	4,969,935	11/1990	Hay			
	4,988,580	01/1991	Ohsaki et al.			
	5,079,103	01/1992	Schramm			
	5,175,061	12/1992	Hildebrandt et al.			
	5,256,172	10/26/1993	Keefer			
	5,292,598	03/08/1994	Rosner			
	5,328,503	07/1994	Kumar			
	5,366,818	11/1994	Wilkinson et al.			
	5,408,832	04/25/1995	Boffito et al			
↓	5,411,578	05/1995	Watson			

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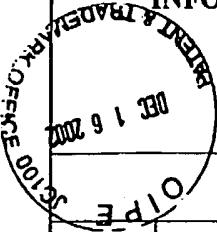
<b>INFORMATION DISCLOSURE STATEMENT</b>  <b>BY APPLICANT</b>			Docket: 6454-61581	App: 10/043,727	
			Applicant: Keefer et al.		
			Filed: January 9, 2002		Art Unit:
9138 JCP	5,434,016	07/1995	Benz et al.		
CL	5,523,176	06/04/1996	Fonda-Bonardi		
	5,523,326	06/1996	Dandekar et al.		
	5,543,238	08/1996	Strasser		
	5,593,640	01/14/1997	Long et al.		
	5,604,047	02/1997	Bellows et al.		
	5,645,950	07/1997	Benz et al.		
	5,711,926	01/1998	Knaebel		
	5,714,276	02/1998	Okamoto		
	5,811,201	09/1998	Skowronski		
	5,900,329	05/1999	Reiter et al.		
	5,917,136	06/1999	Gaffney et al.		
	5,980,857	11/09/1999	Kapoor et al.		
	6,045,933	04/2000	Okamoto		
	6,051,050	05/2000	Keefer et al.		
	6,176,897	01/2001	Keefer		
	6,190,623	02/2001	Sanger et al.		
	6,190,791	02/2001	Hornburg		
	6,283,723	09/2001	Milburn et al.		
	6,293,767	09/25/2001	Bass		
	6,206,630	03/27/2001	Feltenberger et al.		
	6,312,843	11/2001	Kimbara et al.		

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App: 10/043,727

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		Applicant: Keefer et al.		
		Filed: January 9, 2002	Art Unit:	



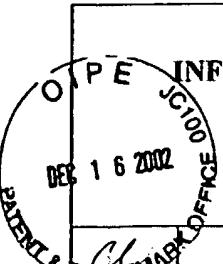
## FOREIGN PATENT DOCUMENTS

		Number	Date	Country	Class	Sub	
		DE3913581 A1	11/1990	Germany	no English equivalent given		
cl	/	1,256,038	06/1989	Canada			
cl	/	2,016,045	08/1994	Canada			
cl	/	2,087,972	01/2000	Canada			
cl	/	2,087,973	01/2001	Canada			
cl	/	2,109,055	02/2000	Canada			
a	/	0 341 189 A1	08/1989	EP			
a	/	0 143 537	03/1990	EP			
cl	/	0 681 860 A2	07/1996	EP			
cl	/	0 691 701 A1	10/1996	EP			
cl	/	1 070 531 A2	01/2001	EP			
cl	/	8045526 A2	02/1996	Japan	(abstract)		
cl	/	11214021 A2	08/1999	Japan	(abstract)		
cl	/	62278770	03/12/1987	Japan	(abstract)		
a	/	JP 06208853	07/26/1994	Japan	(abstract)		
cl	/	07094200	07/1995	Japan	(patent abstract)		
cl	/	WO 95/28510	10/26/1995	PCT	not available		
cl	/	WO 99/46032	09/1999	PCT			
cl	/	WO 00/75559	12/14/2000	PCT			
cl	/	WO 00/76630	12/21/2000	PCT			

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Docket: 6454-61581	App: 10/043,727		
				Applicant: Keefer et al.			
				Filed: January 9, 2002	Art Unit:		
	WO 01/00987	01/04/2001	PCT				
		<u>WO 02/35623</u>	<u>05/02/2002</u>	PCT	<i>unfavorable</i>		

**OTHER DOCUMENTS**

<i>C1</i>			Vaporciyan and Kadiec, "Periodic Separating Reactors: Experiments and Theory," <i>AIChE Journal</i> 35, pp. 831-844 (1989)
<i>C1</i>			Chatsiriwech et al., "Enhancement of Catalytic Reaction by Pressure Swing Adsorption," <i>Catalysis Today</i> 20, Elsevier Science, pp. 351-366 (1994)
<i>C1</i>			Hufton et al., "Sorption Enhanced Reaction Process for Hydrogen Production," <i>AIChE Journal</i> , vol. 45 no. 2, 248-256 (February 1999)
EXAMINER: <i>Carl Hansen</i>			DATE 11-22-02
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.			